

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.  
A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

Document Number:  
401398596

Date Received:  
09/12/2017

OGCC Operator Number: 47120 Contact Name: CHERYL LIGHT

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461

Address: P O BOX 173779 Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217- Email: cheryl.light@anadarko.com

**For "Intent" 24 hour notice required,** Name: Montoya, John Tel: (970) 397-4124

**COGCC contact:** Email: john.montoya@state.co.us

API Number 05-123-10672-00

Well Name: RMPCO (UPRR) LANGE Well Number: 1

Location: QtrQtr: SESE Section: 21 Township: 1N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.032259 Longitude: -104.663095

GPS Data:  
Date of Measurement: \_\_\_\_\_ PDOP Reading: \_\_\_\_\_ GPS Instrument Operator's Name: \_\_\_\_\_

Reason for Abandonment:  Dry     Production Sub-economic     Mechanical Problems

Other RE-ENTER AND PLUG

Casing to be pulled:  Yes     No    Estimated Depth: \_\_\_\_\_

Fish in Hole:  Yes     No    If yes, explain details below

Wellbore has Uncemented Casing leaks:  Yes     No    If yes, explain details below

Details: This well was originally abandoned on 09/05/1989 by ORM Exploration Co. Purpose is to reenter and adequately replug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy dated December 16, 2013.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7898	7934	08/16/1989	B PLUG CEMENT TOP	7700
Total: 1 zone(s)					

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	207	200	207	0	VISU
1ST	7+7/8	4+1/2	13.5	7,997	300	7,997	6,760	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 80 with 25 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 160 sks cmt from 6500 ft. to 6000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 180 sks cmt from 4900 ft. to 4400 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 180 sks cmt from 1244 ft. to 700 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)

Set 200 sacks half in. half out surface casing from 700 ft. to 100 ft. Plug Tagged:

Set 25 sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No

Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

- a. As-built well location GPS data will be submitted on the Form 6 Subsequent Report of Abandonment.
- b. Closed loop system will be used.
- c. Re-plug and re-entry procedure attached.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: CHERYL LIGHT  
Title: SR REGULATORY ANALYST Date: 9/12/2017 Email: CHERYL.LIGHT@ANADARKO.COM

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McCoy, Diane Date: 9/26/2017

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 3/25/2018

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Submit as-built well location GPS data with the Form 6 Subsequent Report of Abandonment. 3) Submit gyro survey data with Form 6 Subsequent Report of Abandonment. 4) If unable to wash down after drilling out plugs previously set stop and contact COGCC engineer for an update to the plugging procedure.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401398596	FORM 6 INTENT SUBMITTED
401398605	OTHER
401398607	WELLBORE DIAGRAM
401398611	SURFACE OWNER CONSENT
401398612	PROPOSED PLUGGING PROCEDURE
401400789	LOCATION PHOTO

Total Attach: 6 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Well was originally abandoned 09/05/1989. It is unclear what depth the production casing was cut and pulled, assumed to be near TOC at 6760'.  According to CWCB and DWR's Denver Basin Aquifer Determination Tool the base of the Fox Hills is 1194'.	09/26/2017
Permit	Missing As-Drilled GPS lat/long. Operator will include on subsequent form 6.	09/25/2017
Public Room	Document verification complete 07/09/15	09/15/2017

Total: 3 comment(s)